

OBJECTIVE LENS ALIGNMENT IN OPTICAL PICKUP UNIT ASSEMBLY

Erik J. Zimmer
Scott D. Wilson
Ian R. Redmond
Bernard W. Bell
Daniel G. Bergeson

ABSTRACT OF THE DISCLOSURE

Disclosed is a method of attaching components of an optical head. In one embodiment, first and second optical assemblies of the optical head are positioned adjacent to each other. The first optical assembly may include a first optical element, and the second optical assembly may include a second optical element. Both of the first and second optical elements are configured to transmit light for reading or writing data to an optical data storage media. The position of a first optical assembly is adjusted with respect to the second optical assembly until the first optical element and second optical elements are in optical communication with each other. Thereafter, the first and second optical assemblies are rigidly connected while the first and second optical elements are in optical communication with each other.

5
10